DRIVE DRAWER

Removable Drive Drawer for
3.5" IDE/ATA 133 Hard Drives

DRW150ATA
DRW150ATABK

Instruction Guide

StarTech.com

The Professionals' Source For Hard-to-Find Computer Parts

Technical Support

The following technical resources are available for this StarTech.com product:

On-line help:

We are constantly adding new information to the *Tech Support* section of our web site. To access this page, click the *Tech Support* link on our homepage, **www.startech.com**. In the tech support section there are a number of options that can provide assistance with this card.

Knowledge Base - This tool allows you to search for answers to common issues using key words that describe the product and your issue.

FAQ - This tool provides quick answers to the top questions asked by our customers.

Downloads - This selection takes you to our driver download page where you can find the latest drivers for this product.

Call StarTech.com tech support for help: **1-519-455-4931**
Support hours: Monday to Friday 9:00AM to 5:00PM EST (except holidays)

Warranty Information

This product is backed by a one-year warranty. In addition StarTech.com warrants its products against defects in materials and workmanship for the periods noted below, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

Limitation of Liability

In no event shall the liability to StarTech.com Ltd. (or its officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of related to the use of the product exceed the actual price paid for the product.

Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

Technical Specifications

Drive connectors	40-pin IDE
Material	Aluminum
Dimensions (LxWxH)	8.98 x 5.75 x 1.61 in. (228 x 146 x 41mm)
LEDs	Power, HD access
Certifications	CE

Table of Contents

Introduction

Thank you for purchasing a StarTech.com aluminum removable hard disk drawer. Now you can quickly add and remove IDE/ATA 133 hard drives to your PC without having to open your computer. Each unit consists of an outer bay that fits into any 5.25 inch drive bay and a removable caddy that holds your hard disk. Whether for multiple operating systems, making high speed, high capacity backups, or minimizing downtime on mission-critical PCs, StarTech.com's removable drive drawers provide the ultimate in reliability and convenience.

Features

- Compatible with all 3.5" IDE/ATA 133 hard drives

- Locking mechanism controls power to drive so that disk cannot be accidently removed while operating

- Uses internal cableless IDE connector and adjustable power connector to ensure compatibility with all hard drives

- LEDs keep you informed of drive power and activity status

- Swinging dust-resistant door helps keeps the inside of your computer clean

- Rear ball-bearing fan keeps hard drive running cool

- Backed by StarTech.com's one-year warranty

Before You Begin

To ensure a quick and easy drawer installation, please read through this section carefully before attempting to install the drawer.

WARNING! Hard drives, like all computer equipment, can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case or touching your hard drive. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds.

System Requirements

- An IBM-PC or Mac computer with an IDE hard drive interface

- One available 5.25" drive bay

- One drive connection cable

- One internal power cable

Monitoring Your Hard Disk Drive and Drawer

There are two LEDs located on the left side of the drive drawer. They are your best indication of the hard drive's status and activity.

- The top green LED indicates drive power. When the computer is turned on and the drive has been locked in place, the green LED should be lit.

- The bottom yellow LED indicates hard drive activity. Do not attempt to unlock or remove the drawer when this LED is lit. Attempting to remove the drawer while the drive is in use may cause damage to your hard drive.

Installing the Bay in the PC

1. Make sure your system is unplugged and you are grounded.

2. Remove the side covers from your system and remove the front cover from an available 5 1/4" drive bay (see your computer's user manual for details, if necessary).

3. Insert the bay into the 5 1/4" bay slot, making sure that the screw-holes on the side of the bay line up with the holes in the bay slot.

4. Connect your computer's cable ribbon to the connector on the back of the bay.

5. Plug a connector from your computer's power supply into the power port on the back of the bay.

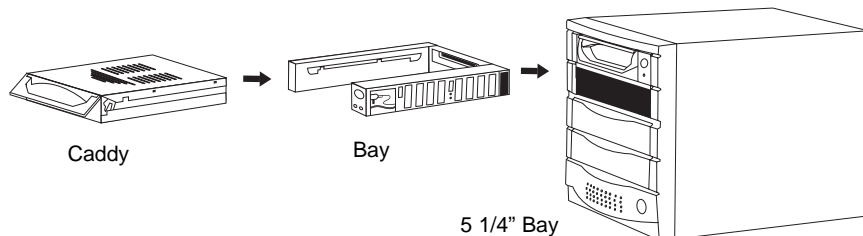6. Using the M3 x 1/4" long (fine thread) screws, mount the bay into the PC.

Installing the Caddy in the Bay

1. With the handle lifted, slide the caddy into the bay until it is firmly seated. Lower the handle to click the caddy into its proper position.

2. Insert the key and turn clockwise to lock the drive into place and supply the drive with power. **The drive will not function if the drawer has not been locked.**

Removing the Drive Drawer

1. Insert the key and turn counter-clockwise to unlock the drive drawer.

2. Lift the handle and gently pull the caddy out of the bay.

NOTE: Do not unlock the drawer when the hard drive is in use (See "Monitoring Your Hard Disk Drive and Drawer" on page 5). Only power down the drive when the hard drive is idle. Once you have powered down the hard drive, wait about 15 seconds to let the hard drive "spin down" before removing the caddy from the bay.

Caddy   Bay

5 1/4" Bay

Contents

This package should contain:

• 1 x drive caddy

• 1 x drive bay

• 2 x keys to lock/unlock the drive

• Assorted screws

Installation

NOTE: Before installing the drawer, you will have to determine if the drive you are installing is a master or a slave. You should set the jumpers before installing the drive into the drive drawer. Contact the hard drive manufacturer for more details.

If you are using two drives on the same IDE channel, make sure that one is set to Master and the other is set to Slave. If you are only installing one drive on the channel, you should configure it as a Master. Also make note of the configuration of **all** of your drives so that you will not accidently assign two Masters or two Slaves to the same channel when you are adding or removing hard drives later on.

Installing the Hard Drive in the Caddy

1. Remove the caddy from the bay by lifting the handle and sliding the caddy out of the bay.

2. Remove the top panel from the caddy by sliding the lid towards the back of the caddy. (It may help to press down on the lid near the front of the drawer and then sliding the lid free.)

3. **Gently** place the hard drive in the caddy and position the drive so that it is firmly connected to the IDE and power connectors at the back of the drawer. If necessary, loosen the screw holding the power connector in place and adjust the connector left or right to fit your hard drive.

4. Using the 6-32 x 1/4" (coarse thread) screws, secure your hard drive into the drawer.

5. Replace the top panel of the caddy.

Hard drive

Caddy